

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/008694

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N33/50 A61P37/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, Sequence Search, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|-----------------------|
| Y | US 6 667 151 B1 (COHEN DAVID I) 23 December 2003 (2003-12-23) paragraphs '0011! - '0014! ----- COHEN SANDRA S ET AL: "Pronounced acute immunosuppression in vivo mediated by HIV Tat challenge" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol. 96, no. 19, 14 September 1999 (1999-09-14), pages 10842-10847, XP002335845 ISSN: 0027-8424 page 10843; figure 1; table 1 ----- -/- | 1-5 |
| Y | | 1-5 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

• Special categories of cited documents :

- A• document defining the general state of the art which is not considered to be of particular relevance
- E• earlier document but published on or after the international filing date
- L• document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- O• document referring to an oral disclosure, use, exhibition or other means
- P• document published prior to the international filing date but later than the priority date claimed

- T• later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- X• document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- Y• document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- &• document member of the same patent family

Date of the actual completion of the international search

14 July 2005

Date of mailing of the international search report

03/08/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|-----------------------|
| Y | <p>CHEADLE CHRISTOPHER ET AL: "Identification of a Src SH3 domain binding motif by screening a random phage display library" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 269, no. 39, 1994, pages 24034-24039, XP000578241 ISSN: 0021-9258 abstract</p> <p>-----</p> | 1-5 |
| Y | <p>BAGHIAN ABOLGHASEM ET AL: "Protective immunity against lethal HSV-1 challenge in mice by nucleic acid-based immunisation with herpes simplex virus type-1 genes specifying glycoproteins gB and gD" JOURNAL OF MEDICAL MICROBIOLOGY, vol. 51, no. 4, April 2002 (2002-04), pages 350-357, XP002336044 ISSN: 0022-2615 abstract</p> <p>-----</p> | 3-5 |
| A | <p>REINHOLD D ET AL: "HIV-1 Tat: immunosuppression via TGF-beta1 induction" IMMUNOLOGY TODAY, ELSEVIER PUBLICATIONS, CAMBRIDGE, GB, vol. 20, no. 8, 1 August 1999 (1999-08-01), page 384, XP004177368 ISSN: 0167-5699 the whole document</p> <p>-----</p> | 1-5 |
| A | <p>TASCA SILVANA ET AL: "Escape of monocyte-derived dendritic cells of HIV-1 infected individuals from natural killer cell-mediated lysis" AIDS (HAGERSTOWN), vol. 17, no. 16, 7 November 2003 (2003-11-07), pages 2291-2298, XP002335846 ISSN: 0269-9370 abstract</p> <p>-----</p> | 1-5 |

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Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
 - a. type of material
 - a sequence listing
 - table(s) related to the sequence listing
 - b. format of material
 - in written format
 - in computer readable form
 - c. time of filing/furnishing
 - contained in the international application as filed
 - filed together with the international application in computer readable form
 - furnished subsequently to this Authority for the purpose of search
2. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/008694

| Patent document cited in search report | Publication date | Patent family member(s) | | Publication date |
|--|------------------|-------------------------|------------------|------------------|
| US 6667151 | B1 | 23-12-2003 | US 2003215797 A1 | 20-11-2003 |
| | | | US 2004265908 A1 | 30-12-2004 |
| | | | AU 6631100 A | 13-03-2001 |
| | | | CA 2398269 A1 | 22-02-2001 |
| | | | EP 1246647 A1 | 09-10-2002 |
| | | | WO 0112220 A1 | 22-02-2001 |